



**PCT**  
**IAP7 Rec'd. 17 JAN 2006**

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q90173

Kazumi OKURO, et al.

Appln. No.: 10/553,394

Group Art Unit: NOT YET ASSIGNED

Confirmation No.: 9016

Examiner: NOT YET ASSIGNED

Filed: October 17, 2005

For: OPTICALLY ACTIVE 2-ALLYLCARBOXYLIC ACID DERIVATIVE AND PROCESS  
FOR PRODUCING THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby

notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached  
PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem  
material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following:

U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications  
filed after June 30, 2003.

The present Information Disclosure Statement (IDS) is being filed no later than three  
months from the application's filing date, and therefore no Statement under 37 C.F.R. § 1.97(e)  
or fee under 37 C.F.R. § 1.17(p) is required.

The five Non-Patent Literature Documents and JP Sho-58-026847 listed on Form PTO/SB/08 A&B submitted herewith for the Examiner's convenience, were cited in the International Search Report (ISR) and were listed on Form PTO/SB/08 A&B IDS filed October 27, 2005. WO 99/58513 and JP Hei-8-291106 were cited in the description of Background Art at page 1 of the specification.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

1. An English language abstract and the submission of a partial English language translation for JP Sho-58-026847 constitutes a concise statement of relevance of JP Sho-58-026847.
2. An English language abstract of WO 99/58513 is submitted as a concise statement of relevance of WO 99/58513, which also corresponds to cited U.S. Patent No. 6,333,415.
3. An English language abstract of JP Hei-8-291106 is submitted as a concise statement of relevance of JP Hei-8-291106.

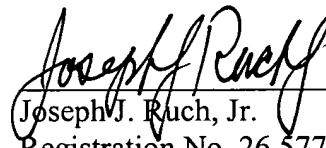
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/553,394

Attorney Docket No.: Q90173

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: January 17, 2006

Substitute for Form 1449 A & B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Complete if Known	
P A T E N T & T R ADE M A R K S O F F I C E JAN 17 2006		1	of	2	Application Number 10/553,394
					Confirmation Number 9016
					Filing Date October 17, 2005
					First Named Inventor Kazumi OKURO
					Art Unit NOT YET ASSIGNED
					Examiner Name NOT YET ASSIGNED
					Attorney Docket Number Q90173

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,333,415		12-25-2001	Yamamoto
		US			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>			
		JP	Sho-58-026847	02-17-1983	SUMITOMO CHEMICAL CO	Abstract and Partial Translation
		WO	99/58513	11-18-1999	ONO PHARMACEUTICAL CO; YAMAMOTO, HISASHI	Abstract and corresponds to U.S.P. 6,333,415
		JP	Hei-8-291106	11-05-1996	ONO PHARMACEUTICAL CO	Abstract

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.		Translation <sup>6</sup>
		N. Porter, et al, Journal of the American Chemical Society, vol. 116, No. 22, 1994, pp. 10255-10266		
		S. Jönsson, et al, Journal of Chemical Ecology, Vol. 19, No. 3, 1993, pp. 459-484		
		M. Kurth, et al, Journal of the American Chemical Society, vol. 107, No. 2, 1985, pp. 443-448		
		A. Rao, et al, Tetrahedron Letters, vol. 34, No. 44, 1993, pp. 7081-7084		
		K. Hirol, et al, Chemical & Pharmaceutical Bulletin, vol. 33, No. 11, 1985, pp. 4691-4700		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.